

Regulatory Information

The regulatory information herein might vary according to the model you purchased. Some information is only applicable for the country or region where the product is sold.

# FCC Information

**CAUTION **WARNING

Cancer and Reproductive Harm

[www.P65Warnings.ca.gov/](http://www.P65Warnings.ca.gov/)

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

# FCC conditions:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference recieved, including interference that may cause undesired operation.

# FCC compliance:

This equipment has been tested and found to comply with the limits for a digital device, pursuant to part 15 of the FCC rules. Th is equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication.

For class A device, these limits are designed to provide reasonable protection against harmful interference in a commerical environment. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user wil be required to correct the interference at his/her own expense.

For class B device, these limits are designed to provide reasonable protection against harmful interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If the equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

* Reorient or relocate the recieving antenna.
* Increase the seperation between the equipment and receiver.
* Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
* Consult the dealer or an experienced radio/TV technician for help.

To access further certification information, please visit: [www.bvsecurity.com](http://www.bvsecurity.com/) BV USA LLC, 1951 Landmeier Rd, Elk Grove Village, IL 60007

**16-Port PoE Switch User Guide**

**The specifications and the information of the products mentioned in the manual are for reference only, and may not represent the most recent revision; please check with your dealer for any changes.**

1. **Introduction**
   1. **Package Contents**

* POE Switch \*1
* User’s Manual \*1
* Power Cord \*1
* Rubber Feet \*4
* Hanging ears \*2

If any of these are missing or damaged, please contact your dealer immediately. If possible, retain the packaging, including the original packing material and contents, and repack the product in case there is a need to return it for repair or refund.

* 1. **Description**

Completely plug-and-play –with data and power over Ethernet through one cable, the PoE Switch reduces cabling requirements (and by association, installation time and costs), and eliminates the need for dedicated electrical outlets for a power source. Providing 16 PoE ports, the PoE Switch is ideal for small businesses and workgroups the PoE for compatible wireless access points, IP-based surveillance cameras, or IP phones, in any places easily, efficiently and cost-effectively.

* 1. **Features**

\* Up to 30W of PoE power per port

\* Up to 120W of total PoE power

\* Complies to IEEE 802.3 af/at PoE+ standard

\* Power Detection (PD): Only compatible PoE devices will receive power

\* Safe and Reliable Power to compatible WLAN Access Points

\* Automatic Detection and Protection of Non–Standard Ethernet Terminals

\* Supports 10/100/1000 Base-T applications

\* Compact Design Fits Easily in WLAN Access

\* Plug-and-Play – no configuration required

\* Internal power supply

\* Save up to 83% power with Green Technology

* 1. **Specification**

|  |  |  |
| --- | --- | --- |
| **Model** | **POE-SW1602G** |  |
| **10/100/1000Mbps Copper Ports** | 17×10/100Base-TX RJ-45 Auto-MDI/MDI-X ports |  |
| **SFP/mini-GBIC Slots** | 1-port 21000Base-SX/LX, Ethernet uplink ports |  |
| **LED** | Power(Green) 10/100/1000LNK / ACT(Green) |  |
| **Dimension (W x D x H)** | 300 x 210 x 44 mm, 1U height |  |
| **Weight** | 2.0kg |  |
| **Power Requirement** | 100~240V AC, 50-60 Hz |  |
| **Power Consumption** | 150 Watts maximum |  |
| **PoE Standard** | IEEE 802.3at, IEEE802.3af |  |
| **PoE Power Output** | 54VDC,Max.30W |  |
| **PoE Power Supply Type** | 1/2(+), 3/6(-), Mode-A, End-Span |  |
| **PoE Power Budget** | System: 150W; PoE: Max. 120W |  |
| **Regulation Compliance** | FCC Part 15 Class A, CE |  |
| **Standards Compliance** | IEEE 802.3 10BASE-T  IEEE 802.3u 100BASE-TX  IEEE802.3ab Gigabit 1000BASE-T  IEEE 802.3z Gigabit SX/LX  IEEE 802.3x flow control and back pressure  IEEE 802.3af Power over Ethernet  IEEE 802.3at Power over Ethernet Plus |  |